

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"7005940".pn.	US-PGPUB; USPAT	OR	ON	2008/01/09 14:01
S2	7	("5513382"   "6021318"   "6070059"   "6489843"   "6795714"   "6847829").PN. OR ("7005940").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/09 14:03
S3	1	10/565150.app.	US-PGPUB; USPAT	OR	ON	2008/01/09 17:01
S4	889	455/78.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:31
S5	468	455/83.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:30
S6	344	455/82.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:30
S7	276	455/84.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:30
S8	2835	455/550.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:31
S9	1573	455/552.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:31
S10	746	455/553.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:31
S11	215	455/180.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:31
S12	484	333/100.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:31
S13	369	333/101.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/09 18:31
S14	308	adaptive near filter.ti.	US-PGPUB; USPAT	OR	ON	2008/06/12 14:16
S15	289	adaptive adj filter.ti.	US-PGPUB; USPAT	OR	ON	2008/06/12 14:56
S16	525	adapt\$3 near filter\$3.ti.	US-PGPUB; USPAT	OR	ON	2008/06/12 14:57
S17	15	S16 and "455".clas.	US-PGPUB; USPAT	OR	ON	2008/06/12 14:57
S18	636	(adapt\$3 near filter\$3) and band\$pass and high\$pass	US-PGPUB; USPAT	OR	ON	2008/06/12 17:11

S19	29	S18 and (multi\$mode multi\$band) with (transmit\$3 receiv\$3)	US-PGPUB; USPAT	OR	ON	2008/06/12 17:14
S20	44	S18 and "455".clas.	US-PGPUB; USPAT	OR	ON	2008/06/12 17:24
S21	5	(adapt\$3 near filter\$3) with (antenna near switch\$3)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:07
S22	5	phemt with (antenna near switch\$3)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:21
S23	6	phemt same (antenna near switch\$3)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:23
S24	35	phemt and (antenna near switch\$3)	US-PGPUB; USPAT	OR	ON	2008/06/12 18:24
S25	525	adapt\$3 near filter\$3.ti.	US-PGPUB; USPAT	OR	ON	2008/06/15 17:01
S26	129	S25 and "375".clas.	US-PGPUB; USPAT	OR	ON	2008/06/15 17:01
S27	1	"7005940".pn.	US-PGPUB; USPAT	OR	ON	2008/10/24 11:50
S28	1	"6385438".pn.	US-PGPUB; USPAT	OR	ON	2008/10/24 13:14
S29	1	"20040092285".pn.	US-PGPUB; USPAT	OR	ON	2008/10/24 13:15
S30	172	(adapt\$3 near filter\$3) and (band adj pass) and gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 13:17
S31	50	(antenna near3 switch\$3) and (adapt\$3 near filter\$3) and (band adj pass) and gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 13:22
S32	1	10/565150.app.	US-PGPUB; USPAT	OR	ON	2008/10/24 13:57
S33	172	(adapt\$3 near filter\$3) and (band adj pass) and gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 13:59
S34	2908	(band near3 pass) and gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 14:00
S35	1300	S34 and "455".clas.	US-PGPUB; USPAT	OR	ON	2008/10/24 14:01
S37	4	("20020035914"   "20030054864"   "20040121818"   "6859530").PN.	US-PGPUB; USPAT	OR	ON	2008/10/24 14:09
S38	164	(band adj pass adj filter) with gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 14:18
S39	948	455/78.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S40	496	455/83.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19

S41	365	455/82.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S42	288	455/84.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S43	3246	455/550.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S44	1	"7005940".pn.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S45	7	("5513382"   "6021318"   "6070059"   "6489843"   "6795714"   "6847829").PN. OR ("7005940").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/24 15:19
S46	1	10/565150.app.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S47	948	455/78.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S48	496	455/83.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S49	365	455/82.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S50	288	455/84.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S51	3246	455/550.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S52	1835	455/552.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S53	839	455/553.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S54	225	455/180.1.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S55	489	333/100.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S56	398	333/101.ccls.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S57	315	adaptive near filter.ti.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S58	296	adaptive adj filter.ti.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S59	538	adapt\$3 near filter\$3.ti.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S60	16	S59 and "455".clas.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S61	674	(adapt\$3 near filter\$3) and band\$pass and high\$pass	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S62	30	S61 and (multi\$mode multi \$band) with (transmit\$3 receiv\$3)	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19

S63	48	S61 and "455".clas.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S64	6	(adapt\$3 near filter\$3) with (antenna near switch\$3)	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S65	5	phemt with (antenna near switch\$3)	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S66	6	phemt same (antenna near switch\$3)	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S67	38	phemt and (antenna near switch\$3)	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S68	538	adapt\$3 near filter\$3.ti.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S69	131	S68 and "375".clas.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S70	1	"7005940".pn.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S71	1	"6385438".pn.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S72	1	"20040092285".pn.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S73	50	(antenna near3 switch\$3) and (adapt\$3 near filter\$3) and (band adj pass) and gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S74	1	10/565150.app.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S75	172	(adapt\$3 near filter\$3) and (band adj pass) and gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S76	2908	(band near3 pass) and gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S77	1300	S76 and "455".clas.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S78	4	("20020035914"   "20030054864"   "20040121818"   "6859530").PN.	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S79	164	(band adj pass adj filter) with gsm	US-PGPUB; USPAT	OR	ON	2008/10/24 15:19
S80	106	((band adj pass adj filter) with gsm) same transmi\$6	US-PGPUB; USPAT	OR	ON	2009/09/22 13:35
S81	41	S80 and @ad<"20030722"	US-PGPUB; USPAT	OR	ON	2009/09/22 13:35
S82	1035	455/78.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:46
S83	395	455/82.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:46

S84	530	455/83.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:46
S85	304	455/84.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:46
S86	3772	455/550.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S87	2108	455/552.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S88	918	455/553.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S89	231	455/180.1.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S90	154	455/63.3.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S91	867	455/575.7.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S92	715	455/556.2.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S93	504	333/100.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S94	433	333/101.ccls.	US-PGPUB; USPAT	OR	ON	2009/09/22 21:47
S95	4423	(high near2 impedance) with transmi\$6	USPAT	OR	OFF	2010/04/19 09:05
S96	416	((high near2 impedance) with transmi\$6) and ((low near2 impedance) with receiv\$3)	USPAT	OR	OFF	2010/04/19 09:06
S97	605	((high near2 impedance) with transmi\$6) and ((low near2 impedance) with receiv\$3)	US-PGPUB; USPAT	OR	OFF	2010/04/19 09:06
S98	424	S97 and @ad<"20030722"	US-PGPUB; USPAT	OR	OFF	2010/04/19 09:07
S99	1078	455/78.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S100	549	455/83.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S101	401	455/82.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S102	315	455/84.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S103	4094	455/550.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S104	2289	455/552.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09

S105	994	455/553.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S106	235	455/180.1.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S107	513	333/100.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S108	457	333/101.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/19 09:09
S109	9584	S99 S100 S101 S102 S103 S104 S105 S106 S107 S108	US-PGPUB; USPAT	OR	OFF	2010/04/19 09:09
S110	37	S109 and S98	US-PGPUB; USPAT	OR	OFF	2010/04/19 09:09
S111	9	"4637065"	US-PGPUB; USPAT	OR	OFF	2010/04/19 09:55

### EAST Search History (I nterference)

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**4/ 19/ 2010 1:14:18 PM**

**H:\ EAST\ Workspaces\ 10565150\_multiband\_transceiver\_antenna\_switch\_components\_level.  
wsp**